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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/065,430	10/17/2002	Shao-Tsu Kung	CEIP0047USA1	6758

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EXAMINER

ATKINSON, CHRISTOPHER MARK

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3753

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4

Please find below and/or attached an Office communication concerning this application or proceeding.

Application No. 10/065430	Applicant(s) Kung et al.
Examiner R. H. Johnson	Art Unit 3753

Part of Paper No.

107065,430 2

***Drawings***

The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the electronic component must be shown or the feature(s) cancelled from the claim(s). No new matter should be entered.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. § 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371© of this title before the invention thereof by the applicant for patent.

Claims 1-5 and 8-14 are rejected under 35 U.S.C. § 102(e) as being anticipated by Pollard II.

Claims 6-7 are rejected under 35 U.S.C. § 103 as being unpatentable over Pollard II in view of Endo. The patent of Pollard II discloses all the claimed features with the exception of the casing being electrical and thermally insulating.

The patent of Endo discloses that it is known to have an electrical and thermally insulating casing for the purpose of preventing the environment from effecting the thermal exchange between the PCM and pipe. It would have been obvious at the time the invention was made to a person having ordinary skill in the art to employ in Pollard II an electrical and thermally insulating casing for the purpose of preventing the environment from effecting the thermal exchange between the PCM and pipe as disclosed in Endo.

***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

  
C.A.

December 15, 2003

CHRISTOPHER ATKINSON  
PRIMARY EXAMINER